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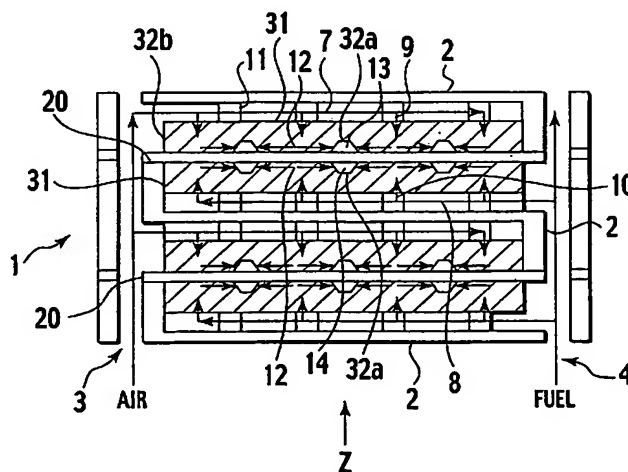
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(54) Title: **SOLID OXIDE FUEL CELL**



(57) Abstract: A solid oxide fuel cell (1, 101, 201) has a plurality of electric power-generating elements (20) each including a solid oxide electrolyte (21) and a porous electrode section (22, 23) to which gases are supplied. The fuel cell includes a plurality of first porous current collector layers (31), each electrically connected to the electrode section, at least one separator (2) disposed between at least one pair of associated adjacent ones of the plurality of electric power-generating elements to electrically connect the pair, a gas supply flow channel (7, 8) defined between the at least one separator and the associated one of the plurality of current collector layers, a plurality of gas supply flow passages (9, 10) branched off from the gas supply channel to reach an electrode section of the associated one of the plurality of electric power-generating elements, and a plurality of gas exhaust flow channels (13, 14) permitting a remnant of gas, provided to the associated one of the plurality of electric power-generating elements via the plurality of gas supply branch flow passages, to be exhausted through the associated one of the first current collector layers.



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